

Form PTO-1449		Docket Number 204372000902	Application Number 10/705,618
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Lynn E. SPITLER et al.	
		Filing Date November 10, 2003	Group Art Unit 1642/1643
		Mailing Date March 10 , 2004	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
DH	1.	08/30/94	5,342,977	Baschang <i>et al.</i>			
DH	2.	03/05/96	5,496,804	Reed <i>et al.</i>			
DH	3.	10/15/96	5,565,478	Kohn <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
DH	4.	06/23/93	EP 0 548 024 A	Europe			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
DH	5.	Arbibe, L., <i>et al.</i> , "Endotoxin Induces Expression Of Type II Phospholipase A2 In Macrophages During Acute Lung Injury In Guinea Pigs," J. IMMUNOL., (1997) 159:391-400
DH	6.	Arditi, M., <i>et al.</i> , "Lipopolysaccharide Stimulates the Tyrosine Phosphorylation of Mitogen-Activated Protein Kinases p44, p42, and p41 in Vascular Endothelial Cells in a Soluble CD14-Dependent Manner," J. IMMUNOL., (1995) 155:3994-4003
DH	7.	Armitage, R. J. <i>et al.</i> , "IL-15 Has Stimulatory Activity For The Induction Of B Cell Proliferation And Differentiation," J. IMMUNOL., (1995) 154:483-490
DH	8.	Asano, T., <i>et al.</i> , "Liposome-Encapsulated MTP-PE: A Novel Biologic Agent for Cancer Therapy," J. IMMUNOTHER., (1993) 14:286-292
DH	9.	Asao, T., <i>et al.</i> , "Eradication of Hepatic Metastases of Carcinoma H-59 by Combination Chemoimmunotherapy with Liposomal Muramyl Tripeptide, 5-Fluorouracil and Leucovorin," CANCER RESEARCH, (1992) 52:6254-6257
DH	10.	Bellezzo, J.M., <i>et al.</i> , "LPS-Mediated NF- κ B Activation in Rat Kupffer Cells can be Induced Independently of CD14," AM. J. PHYSIOL., (1996) 270:G966-G961
DH	11.	Cao, S. <i>et al.</i> , "Interleukin 15 Offers Selective Protection From Irinotecan-Induced Intestinal Toxicity In A Preclinical Animal Model," CANCER RES., (1998) 58:3270-4

EXAMINER: (examiner)

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449		Docket Number 204372000902	Application Number 10/705,618
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Lynn E. SPITLER et al.	
		Filing Date November 10, 2003	Group Art Unit 1642 1643
		Mailing Date March <u>10</u> , 2004	

DH	12.	Cao, S. et al., "Interleukin 15 Protects Against Toxicity And Potentiates Antitumor Activity Of 5-Fluorouracil Alone And In Combination With Leucovorin In Rats Bearing Colorectal Cancer," CANCER RES., (1998) 58:1695-9
DH	13.	Carson, W.E., et al., "Interleukin (IL) 15 is a Novel Cytokine that Activates Human Natural Killer Cells via Components of the IL-2 Receptor," J. EXP. MED., (1994) 180:1395-1403
DH	14.	Celada, A., et al., "Role of Protein Kinase C and Intracellular Calcium Mobilization in the Induction of Macrophage Tumoricidal Activity by Interferon- γ ," J. IMMUNOL., (1986) 137:2373-2379
DH	15.	Chedid L, et al., "Failure of Endotoxin to Increase Nonspecific Resistance to Infection of Lipopolysaccharide Low-Responder Mice," INFECT. IMMUNOL., (1976) 13(3):722-7
DH	16.	Ciacchi, C., et al., "Functional Interleukin-2 Receptors on Intestinal Epithelial Cells," J. CLIN. INVEST., (1993) 92:527-32
DH	17.	Constantinou, A. et al., "Genistein As An Inducer Of Tumor Cell Differentiation: Possible Mechanisms Of Action," PROCEEDINGS OF THE SOCIETY EXPERIMENTAL BIOLOGY AND MEDICINE, (1995) 208(1):109-15
DH	18.	Ding, A. H. et al., "Release Of Reactive Nitrogen Intermediates And Reactive Oxygen Intermediates From Mouse Peritoneal Macrophages," J. IMMUNOL., (1988) 141:2407-12
DH	19.	Ding, A., et al., "Taxol Shares the Ability of Bacterial Lipopolysaccharide to Induce Tyrosine Phosphorylation of Microtubule-Associated Protein Kinase," J. IMMUNOL., (1993) 151(10):5596-5602
DH	20.	Dinney C.P.N., et al. Principles and Practice of Genitourinary Oncology, Philadelphia: Lippincott-Raven, 1996; pp.17-24
DH	21.	Dinney, C. P. N. et al., "Therapy Of Spontaneous Lung Metastasis Of Murine Renal Adenocarcinoma By Systemic Administration Of Liposomes Containing The Macrophage Activator CGP 31362," CANCER RES., (1991) 51:3741-7
DH	22.	Dinney, C.P.N. et al., "Immunotherapy of Murine Renal Adenocarcinoma by Systemic Administration of Liposomes Containing the Synthetic Macrophage Activator CGP 31362 or CGP 19835A in Combination with Interleukin 2 or γ Interferon," Cancer Res (1992) 52:1155-1161
DH	23.	Doherty, T. M., et al., "Induction And Regulation Of IL-15 Expression In Murine Macrophages," J. IMMUNOL., (1996) 156:735-41
DH	24.	Dong, Z. et al., "Activation Of Tumoricidal Properties In Macrophages By Lipopolysaccharide Requires Protein-Tyrosine Kinase Activity," J. LEUKOCYTE BIOL., (1993) 53:53-60
DH	25.	Dong, Z. et al., "Organ-Specific Modulation Of Steady-State <i>mdr</i> Gene Expression And Drug Resistance In Murine Colon Cancer Cells," J. NATL. CANCER INST., (1994) 86:913-20
DH	26.	Dong, Z. et al., "Protein Tyrosine Kinase Inhibitors Decrease Induction Of Nitric Oxide Synthase Activity In Lipopolysaccharide-Responsive And Lipopolysaccharide-Nonresponsive Murine Macrophages," J. IMMUNOL., (1993) 151:2717-25

EXAMINER: <i>David Humphrey</i>	DATE CONSIDERED: <i>12/6/05</i>
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	

Form PTO-1449		Docket Number 204372000902	Application Number 10/705,618
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Lynn E. SPITLER et al.	
		Filing Date November 10, 2003	Group Art Unit 1642 1643
		Mailing Date March <u>10</u> , 2004	

DH	27.	Dong, Z. et al., "Tyrosine Phosphorylation Of Mitogen-Activated Protein Kinases Is Necessary For Activation Of Murine Macrophages By Natural And Synthetic Bacterial Products," J. EXP. MED., (1993) 177:1071-7
DH	28.	Dong, Z., et al., "Activation of Inducible Nitric Oxide Synthase Gene in Murine Macrophages Requires Protein Phosphatases 1 and 2A Activities," J. LEUKOC. BIOL., (1993) 58:725-32
DH	29.	Dudley, D. T., et al., "A Synthetic Inhibitor Of The Mitogen-Activated Protein Kinase Cascade," PROC. NATL. ACAD. SCI. USA (1995) 92:7686-9
DH	30.	Dzierzbicka, K., et al., POSTEPY HIGIENY I MEDYCINY DOSWIADCZALNEJ, (1997) 51(2):227-236
DH	31.	Eue, I., et al., "Induction of Nitric Oxide Production and Tumoricidal Properties in Murine Macrophages by a New Synthetic Lipopeptide JBT3020 Encapsulated in Liposomes," JOURNAL OF IMMUNOTHERAPY, (1998) 21(5):340-351
DH	32.	Fidler, I. J. et al., "Eradication Of Spontaneous Metastases And Activation Of Alveolar Macrophages By Intravenous Injection Of Liposomes Containing Muramyl Dipeptide," PROC. NATL. ACAD. SCI. USA, (1981) 78(3):1680-4
DH	33.	Fidler, I. J., "Optimization And Limitations Of Systemic Treatment Of Murine Melanoma Metastases With Liposomes Containing Muramyl Tripeptide Phosphatidylethanolamine," CANCER IMMUNOL. IMMUNOTHER., (1986) 21:169-73
DH	34.	Fidler, I. J., "Targeting Of Immunomodulators To Mononuclear Phagocytes For Therapy Of Cancer," ADV. DRUG DEL. REV., (1988) 2:69-106
DH	35.	Fidler, I., et al., "Mechanisms of Macrophage-Mediated Tumor Cell Lysis: Role for the Monokines Tumor Necrosis Factor and Interleukin," PROG. CLIN. BIOL. RES., (1989) 288:169-181
DH	36.	Fidler, I.J., "Macrophages and Metastasis -- A Biological Approach to Cancer Therapy: Presidential Address," CANCER RES., (1985) 45:4714-26
DH	37.	Fidler, I.J., "Therapy of Cancer Metastasis by Systemic Activation of Macrophages," ADV. PHARMACOL., (1994) 30:271-326
DH	38.	Fidler, I.J., et al., "Differential Release of TNF- α , IL 1, and PGE ₂ by Human Blood Monocytes Subsequent to Interaction with Different Bacterial Derived Agents," LYMPHOKINE RES., (1990) 9(4):449-63
DH	39.	Findik, D. et al., "Protein Kinase A Inhibitors Enhance Radiation-Induced Apoptosis," J. CELL BIOCHEM., (1995) 57:12-21
DH	40.	Gallay, P., et al., "Short Term Exposure to Lipopolysaccharide is Sufficient to Activate Human Monocytes," J. IMMUNOL., (1993) 150(11):5086-5093
DH	41.	Giri, J.G., et al., "Utilization of the β and γ Chains of the IL-2 Receptor by the Novel Cytokine IL-15," EMBO. J., (1994) 13(12):2822-30

EXAMINER: <i>David Humphrey</i>	DATE CONSIDERED: <i>12/6/05</i>
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	

Form PTO-1449		Docket Number 204372000902	Application Number 10/705,618
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Lynn E. SPITLER et al.	
		Filing Date November 10, 2003	Group Art Unit 164 1643
		Mailing Date March <u>10</u> , 2004	
	42.	Goldbach, P., et al., "In Situ Activation of Mouse Alveolar Macrophages by Aerosolized Liposomal IFN-Gamma and Muramyl Tripeptide," AM. J. PHYSIOLOGY, (1996) 270(3):1429-1434	
DH	43.	Grabstein, K. H. et al., "Cloning Of A T Cell Growth Factor That Interacts With The β Chain Of The Interleukin-2 Receptor," SCIENCE, (1994) 264:965-8	
DH	44.	Hambleton, J., et al., "Activation of c-Jun N-terminal Kinase in Bacterial Lipopolysaccharide-Stimulated Macrophages," PROC. NATL. ACAD. SCI. USA, (1996) 93:2774-8	
DH	45.	Hambleton, J., et al., "Activation of Raf-1 and Mitogen-Activated Protein Kinase in Murine Macrophages Partially Mimics Lipopolysaccharide-Induced Signaling Events," J. EXP. MED., (1995) 182:147-154	
DH	46.	Han, J., et al., "A MAP Kinase Targeted by Endotoxin and Hyperosmolarity in Mammalian Cells," SCIENCE, (1994) 265:808-11	
DH	47.	Ichinose, Y., et al., "Destruction of Tumor Cells by Monokines Released from Activated Human Blood Monocytes: Evidence for Parallel and Additive Effects of IL-1 and TNF," CANCER IMMUNOL. IMMUNOTHER., (1988) 27:7-12	
DH	48.	Ikuno, N. et al., Irinotecan(CPT-11) And Characteristic Mucosal Changes In The Mouse Ileum And Cecum," JOURNAL OF THE NATIONAL CANCER INSTITUTE, (1995) 87(24):1876-83	
DH	49.	Jarvis, W. D. et al., Induction Of Apoptotic DNA Fragmentation And Cell Death in HL-60 Human Promyelocytic Leukemia Cells By Pharmacological Inhibitors Of Protein Kinase C," CANCER RES., (1994) 54:1707-14	
DH	50.	Jonjic, N., et al., "Heterogeneous Susceptibility of Human Melanoma Clones to Monocyte Cytotoxicity: Role of ICAM-1 Defined by Antibody Blocking and Gene Transfer," EUR. J. IMMUNOL., (1992) 22:2255-60	
DH	51.	Killion, J. J. et al., "Maintenance Of Intestinal Epithelium Structural Integrity And Mucosal Leukocytes During Chemotherapy By Oral Administration Of Muramyl Tripeptide Phosphatidylethanolamine," CANCER BIOTHERAPY AND RADIOPHARMACEUTICALS (1996) 11(6):363-71	
DH	52.	Killion, J. J. et al., "Prevention Of Chemotherapy- Or X-Irradiation-induced Monocytopenia By Oral Administration Of Lipophilic Muramyl Tripeptide," ONCOLOGY RESEARCH, (1994) 6(3):357-64	
DH	53.	Killion, J. J. et al., "Sequential Therapy With Chemotherapeutic Drugs And Liposome-Encapsulated Muramyl Tripeptide: Determination Of Potential Interactions Between These Agents, ONCOLOGY RESEARCH, (1992) 4(10):413-8	
DH	54.	Killion, J. J. et al., "Systemic Targeting Of Liposome-Encapsulated Immunomodulators To Macrophages For Treatment Of Cancer Metastasis," IMMUNOMETHODS, (1994) 4:273-9	
DH	55.	Kleinerman, E. S. et al., "Activation Of Tumorcidal Properties In Monocytes from Cancer Patients Following Intravenous Administration Of Liposomes Containing Muramyl Tripeptide Phosphatidylethanolamine," CANCER RES., (1989) 49:4665-70	
EXAMINER: <i>David Humphrey</i>			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.		DATE CONSIDERED: <i>12/6/03</i>	

Form PTO-1449		Docket Number 204372000902	Application Number 10/705,618
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant:	
		Lynn E. SPITLER et al.	
		Filing Date November 10, 2003	Group Art Unit 1642 1643
		Mailing Date March <u>10</u> , 2004	

DH	56.	Kleinerman, E. S. et al., "Phase II Study Of Liposomal Muramyl Tripeptide In Osteosarcoma: The Cytokine Cascade And Monocyte Activation Following Administration," J. CLIN. ONCOL., (1992) 10(8):1310-16
DH	57.	Kleinerman, E. S. et al., "Unique Histological Changes In Lung Metastases Of Osteosarcoma Patients Following Therapy With Liposomal Muramyl Tripeptide (CGP 19835A Lipid) , CANCER IMMUNOL. IMMUNOTHER., (1992) 34:211-20
DH	58.	Kleinerman, E. S. et al., "Combination Therapy with Ifosfamide and Liposome-Encapsulated Muramyl Tripeptide: Tolerability, Toxicity and Immune Stimulation," JOURNAL OF IMMUNOTHERAPY, (1995) 17(3):181-193
DH	59.	Kozlowski, J.M., et al., "A Human Melanoma Line Heterogeneous with Respect to Metastatic Capacity in Athymic Nude Mice," J. NATL. CANCER INST., (1984) 72(4):913-7
DH	60.	Kumar, R. et al., "Differential Regulation Of Metalloelastase Activity In Murine Peritoneal Macrophages By Granulocyte-Macrophage Colony-Stimulating Factor And Macrophage Colony-Stimulating Factor, J. IMMUNOL., (1996) 157:5104-11
DH	61.	Liu, M.K., et al., "CD14-Dependent Activation of Protein Kinase C and Mitogen-Activated Protein Kinases (p42 and p44) in Human Monocytes Treated with Bacterial Lipopolysaccharide," J. IMMUNOL., (1994) 153:2642-2652
DH	62.	MacEwen, E. G. et al., "Therapy For Osteosarcoma in Dogs With Intravenous Injection Of Liposome-Encapsulated Muramyl Tripeptide," JOURNAL OF THE NATIONAL CANCER INSTITUTE, (1989) 81(12):935-8
DH	63.	MacMicking, J. D. et al., "Altered Responses To Bacterial Infection And Endotoxic Shock in Mice Lacking Inducible Nitric Oxide Synthase," CELL, (1995) 81:641-50
DH	64.	Manthey, C. L. et al., "Taxol Increases Steady-State Levels Of Lipopolysaccharide-Inducible Genes And Protein-Tyrosine Phosphorylation In Murine Macrophages," J. IMMUNOL., (1992) 149(7):2459-65
DH	65.	Meisel, C. et al., "Differential Regulation Of Monocytic Tumor Necrosis Factor- α And Interleukin-10 Expression, EUR. J. IMMUNOL., (1996) 26:1580-6
DH	66.	Murray, J. L. et al., Phase I Trial Of Liposomal Muramyl Tripeptide Phosphatidylethanolamine In Cancer Patients," J. CLIN. ONCOL., (1989) 7(12):1915-1925
DH	67.	Nathan, C.F., "Secretory Products of Macrophages," J. CLIN. INVEST., (1987) 79:319-26
DH	68.	Niewoehner, D.E., et al., "Injurious Effects of Lysophosphatidylcholine on Barrier Properties of Alveolar Epithelium," J. APPL. PHYSIOL., (1987) 63(5):1979-86
DH	69.	Nii, A. et al., "Optimization Of The Liposomes Encapsulating A New Lipopeptide CGP 31362 For Efficient Activation Of Tumoricidal Properties In Monocytes And Macrophages, J. IMMUNOTHER., (1991) 10:236-46

EXAMINER: <i>David Humphrey</i>	DATE CONSIDERED: <i>12/6/05</i>
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	

Form PTO-1449		Docket Number 204372000902	Application Number 10/705,618
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Lynn E. SPITLER et al.	
		Filing Date November 10, 2003	Group Art Unit 1642 1643
		Mailing Date March 10, 2004	

DH	70.	Nii, A., et al., "The Incubation of Human Blood Monocytes with Tumor Necrosis Factor- α Leads to Lysis of Tumor Necrosis Factor-Sensitive but Not Resistant Tumor Cells," LYMPHOKINE RES., (1990) 9(2):113-24
DH	71.	Novotney, M., et al., "Protein Kinase C in Tumoricidal Activation of Mouse Macrophage Cell Lines," BIOCHEMISTRY, (1991) 30:5597-5604
DH	72.	Paul, A., et al., "Protein Kinase C and Tyrosine Kinase Pathways Regulate Lipopolysaccharide-Induced Nitric Oxide Synthase Activity in RAW 264.7 Murine Macrophages," BR. J. PHARMACOL., (1995) 114:482-8
DH	73.	Reinecker, H-C. et al., "Human Intestinal Epithelial Cells Express Functional Cytokine Receptors Sharing The Common γ Chain Of The Interleukin 2 Receptor," PROC. NATL. ACAD. SCI. USA, (1995) 92:8353-7
DH	74.	Reinecker, H-C. et al., "Intestinal Epithelial Cells Both Express And Respond to Interleukin 15," GASTROENTEROLOGY, (1996) 111:1706-13
DH	75.	Saiki, I., et al., "Synergistic Activation by Recombinant Mouse Interferon- γ and Muramyl Dipeptide of Tumoricidal Properties in Mouse Macrophages," J. IMMUNOL., (1985) 135(1):684-8
DH	76.	Sanghera, J. S. et al., "Activation Of Multiple Proline-Directed Kinases By Bacterial Lipopolysaccharide In Murine Macrophages, J. IMMUNOL., (1996) 156:4457-65
DH	77.	Schroit, A. J. et al., "Effects Of Liposome Structure And Lipid Composition On The Activation Of The Tumoricidal Properties Of Macrophages By Liposomes Containing Muramyl Dipeptide," CANCER RES., (1982) 42:161-7
DH	78.	Schumann, R.R., et al., "Structure and Function of Lipopolysaccharide Binding Protein," SCIENCE (1990) 249:1429-1431
DH	79.	Shinji, H., et al., "LPS Induces Selective Translocation of Protein Kinase C- β in LPS-Responsive Mouse Macrophages, but Not in LPS-Nonresponsive Mouse Macrophages," J. IMMUNOL., (1994) 153:5760-5771
DH	80.	Štefanová, I., et al., "GPI-Anchored Cell-Surface Molecules Complexed to Protein Tyrosine Kinases," SCIENCE, (1991) 254:1016-9
DH	81.	Štefanová, I., et al., "Lipopolysaccharide Induces Activation of CD14-Associated Protein Tyrosine Kinase p53/56 ^{lck} ," J. BIOL. CHEM., (1993) 268:20725-9
DH	82.	Sweet, M. J., et al., "Endotoxin Signal Transduction in Macrophages," J. LEUKOC. BIOL., (1996) 60:8-26
DH	83.	Talmadge, J.E., et al., "Cancer Metastasis is Selective or Random Depending on the Parent Tumour Population," NATURE, (1982) 297:593-4
DH	84.	Utsugi, T., et al., "Comparative Efficacy of Liposomes Containing Synthetic Bacterial Cell Wall Analogues for Tumoricidal Activation of Monocytes and Macrophages," CANC. IMMUNOL. IMMUNOTHER., (1991) 33:285-92

EXAMINER: <i>Rand Humph</i>	DATE CONSIDERED: 12/6/05
-----------------------------	--------------------------

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92)
sd- 178271